

To: Beringer, Mike[Beringer.Michael@epa.gov]
From: Davis, Michael
Sent: Fri 5/30/2014 4:36:25 PM
Subject: RE: Revised QAPP
QAPP for West Lake Landfill - Baseline Off-Site Air Monitoring-Ver1b.docx

As discussed. My minor edits are included in the attached version

Thanks, Mike

From: Beringer, Mike
Sent: Friday, May 30, 2014 9:54 AM
To: Davis, Michael
Subject: Revised QAPP

Attached is a revised version with my suggested changes. I did not make any revisions to the tables on pages 1 – 7. Also, I need your help in inserting some language on the analytical detection limits. For evaluating acute exposure, we will need to meet the following levels. Note that benzene will be removed from this table. Let me know if you have any questions or we need to discuss anything. We can do so over the VDT, if necessary. Thanks.

Green, Yellow, and Red Tiered Response Levels

Chemical	Instrument Detection Limit (ppm)	Green 8-hr (ppm)	Yellow 8-hr (ppm)	Red 8-hr (ppm)
Benzene	??	< 9	9	200
Carbon Monoxide	1 ppm	< 9	9	27
Hydrogen Sulfide	1 ppm	< 0.33	0.33	17
Sulfur Dioxide	??	< 0.20	0.20	0.75

Note: MDNR used AreaRAE monitors, an UltraRAE benzene monitor and a Jerome J-605 hydrogen sulfide monitor.

Lower Detection Limits reported by MDNR are: Hydrogen Sulfide (0.001 ppm), Sulfur Dioxide (0.1 ppm),

Benzene (0.05 ppm), and Carbon Monoxide (0.1 ppm).